

FIG. 1
(Prior Art)

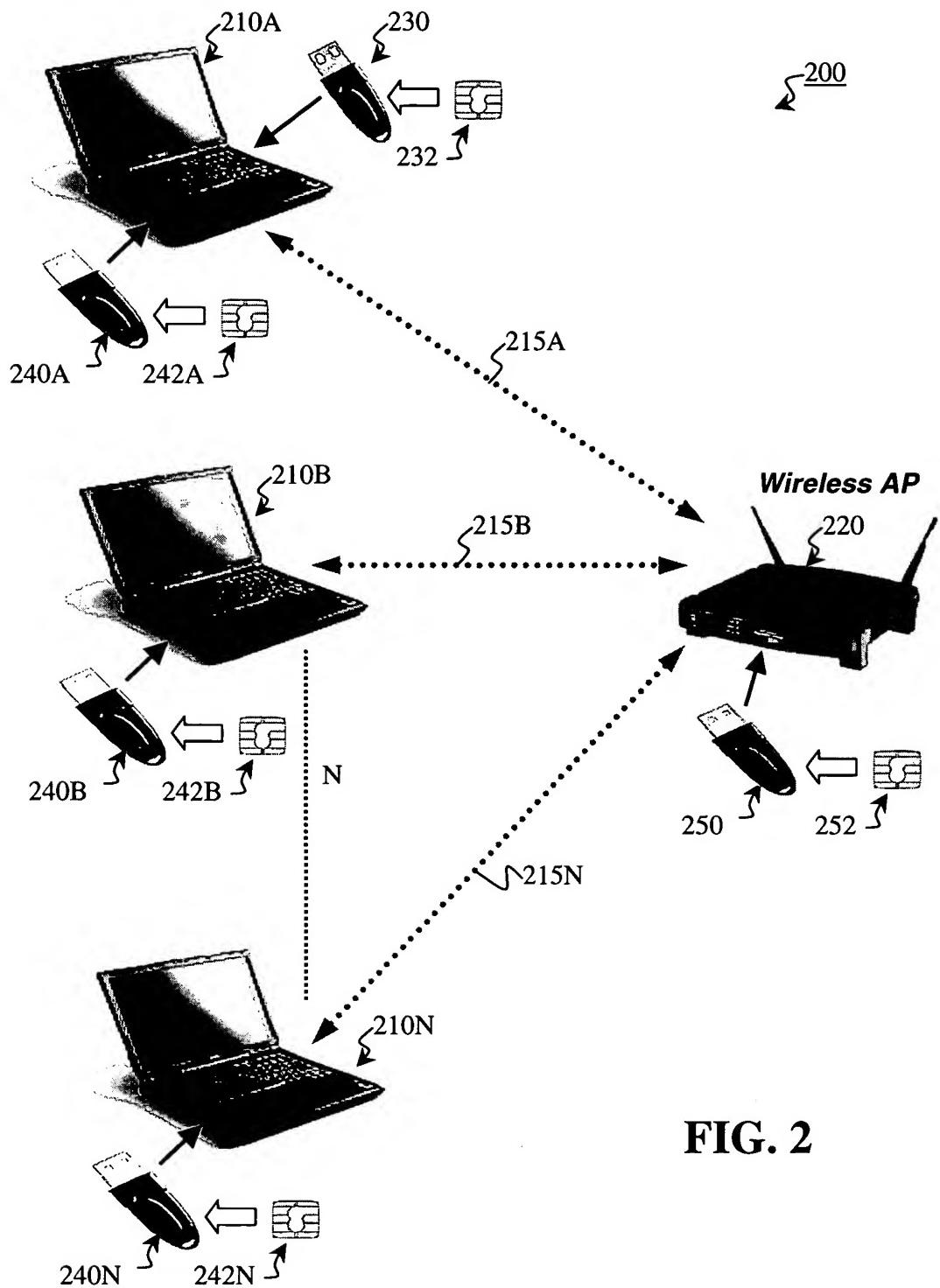


FIG. 2

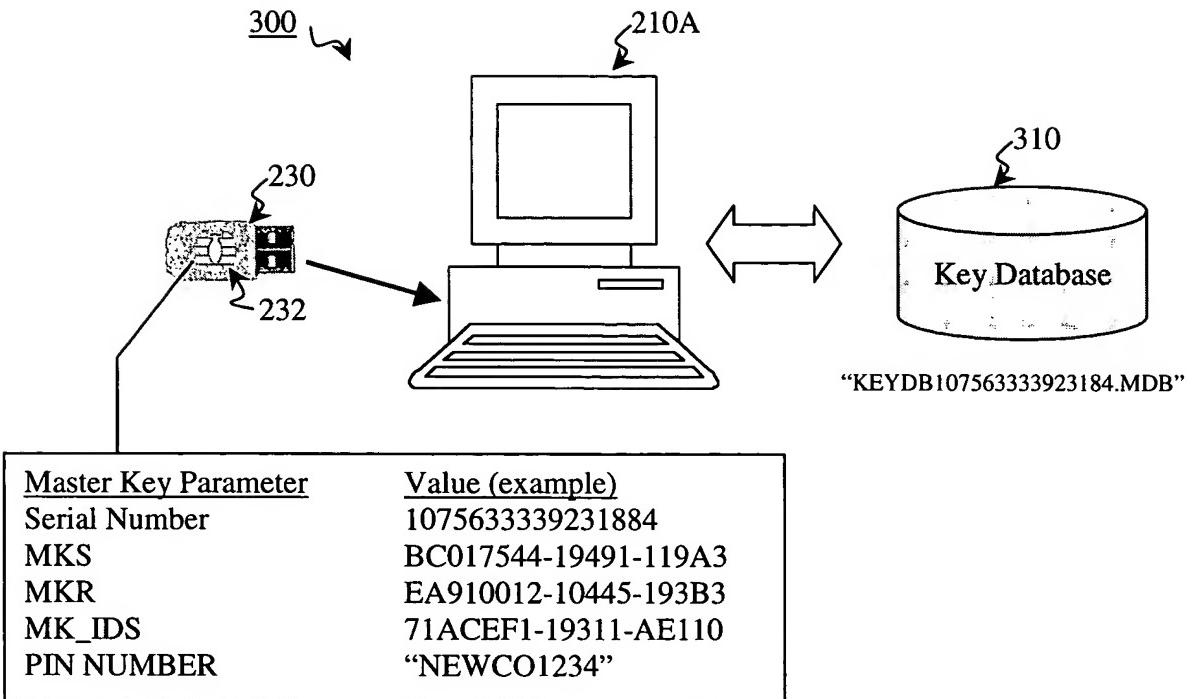


FIG. 3

FIG. 4

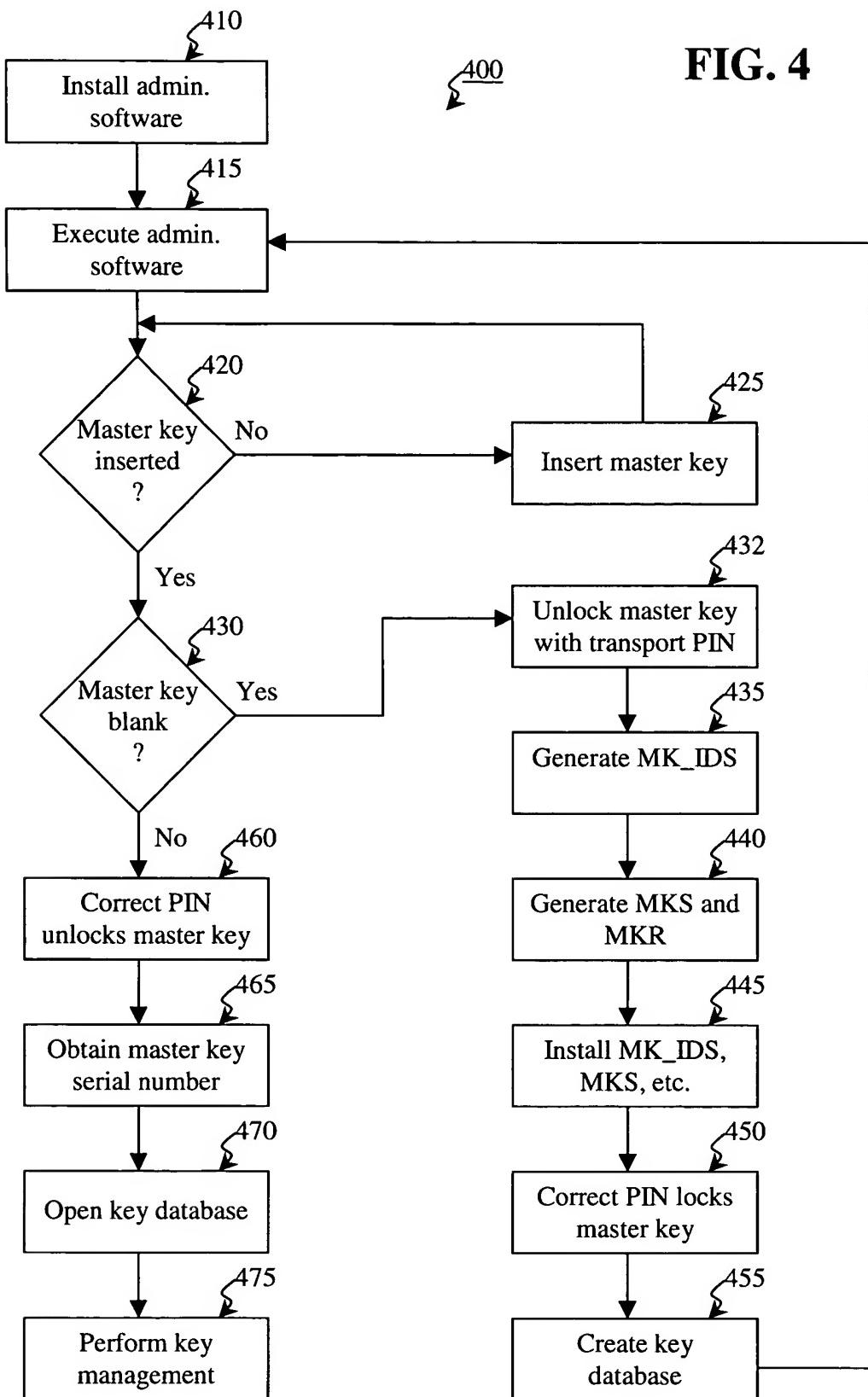


FIG. 5

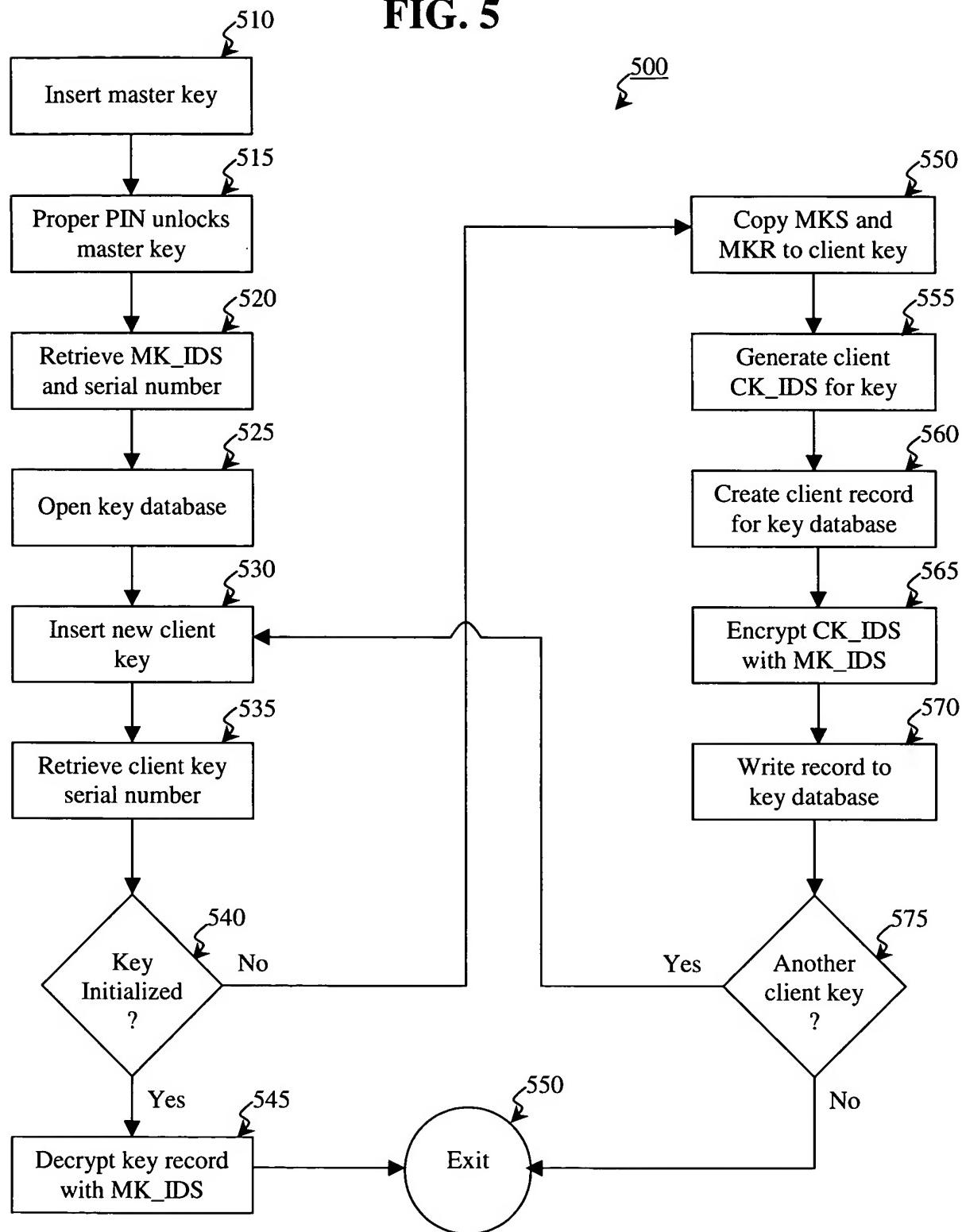


FIG. 6

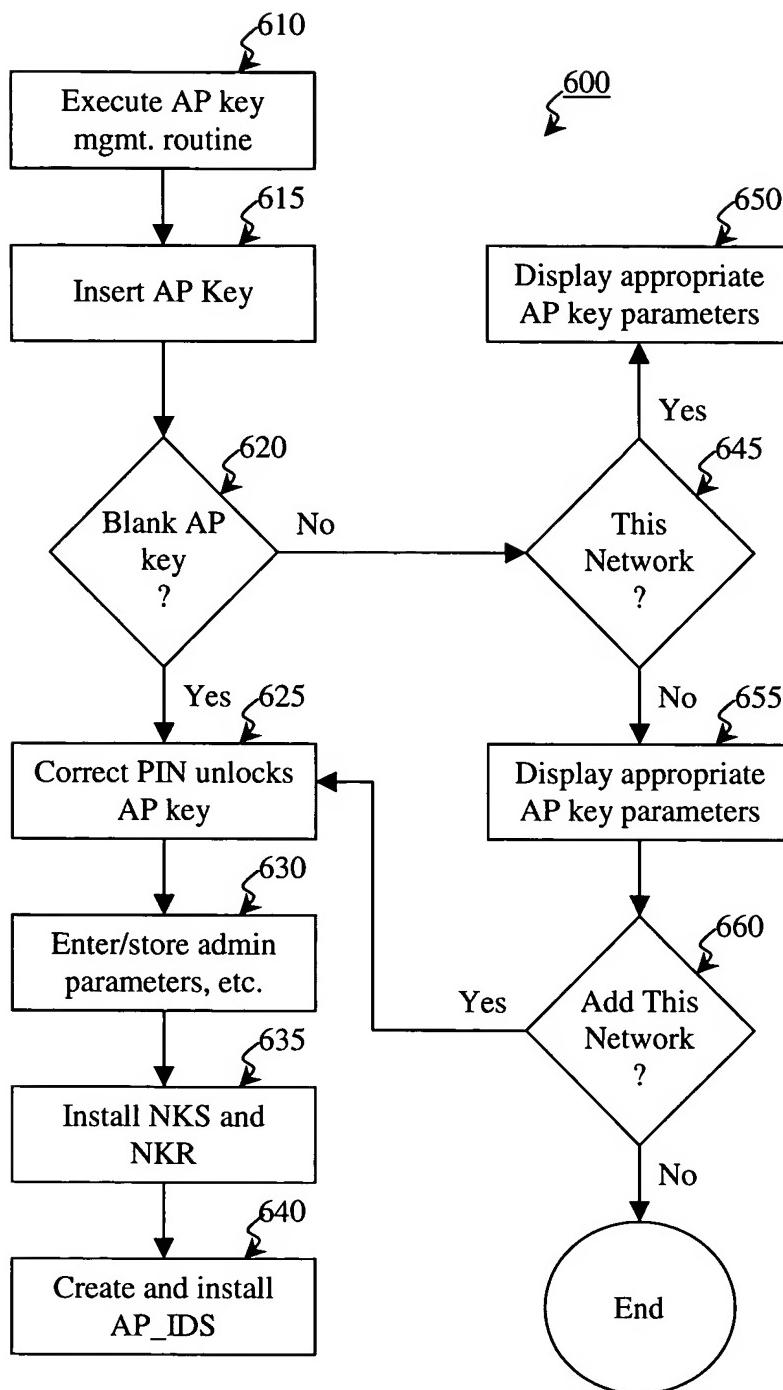
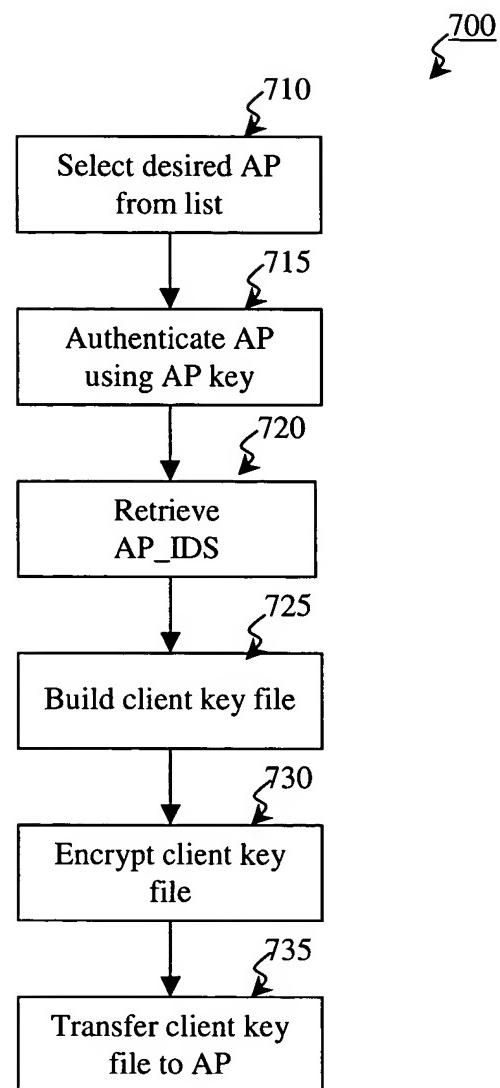


FIG. 7



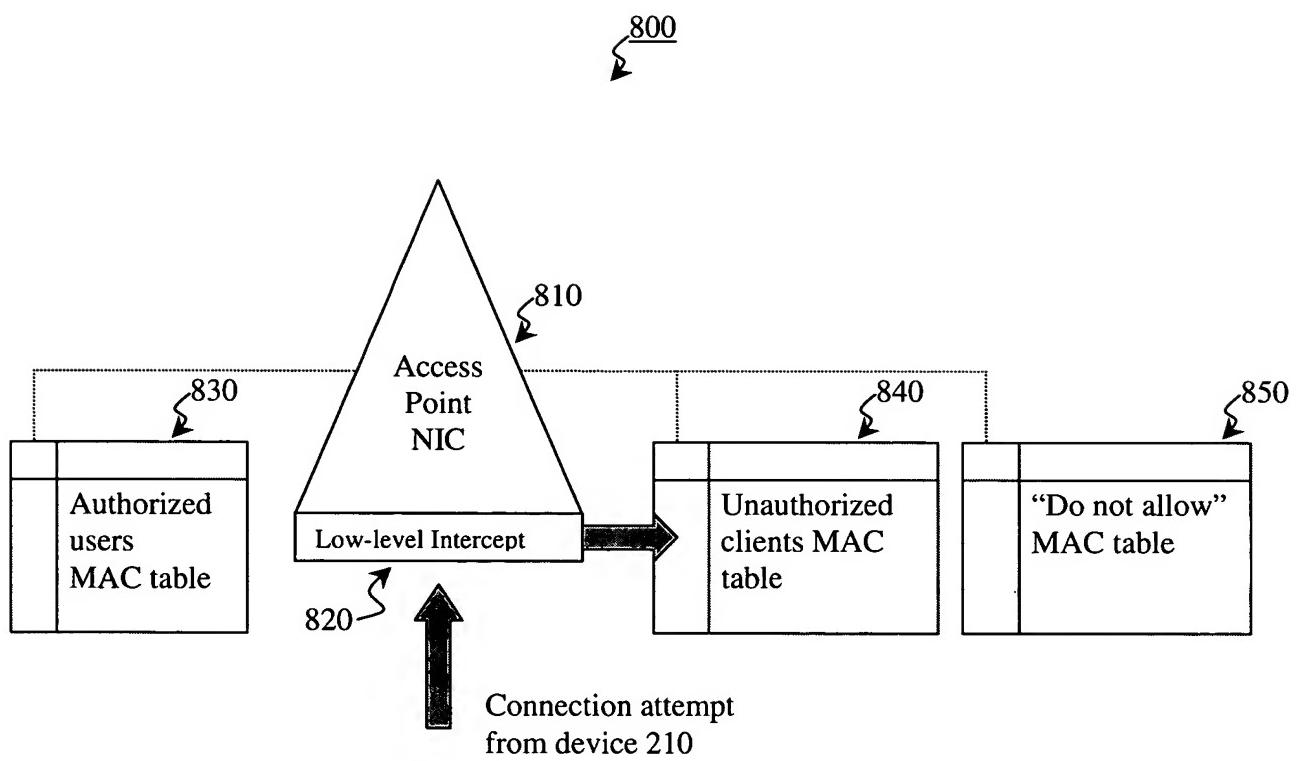


FIG. 8

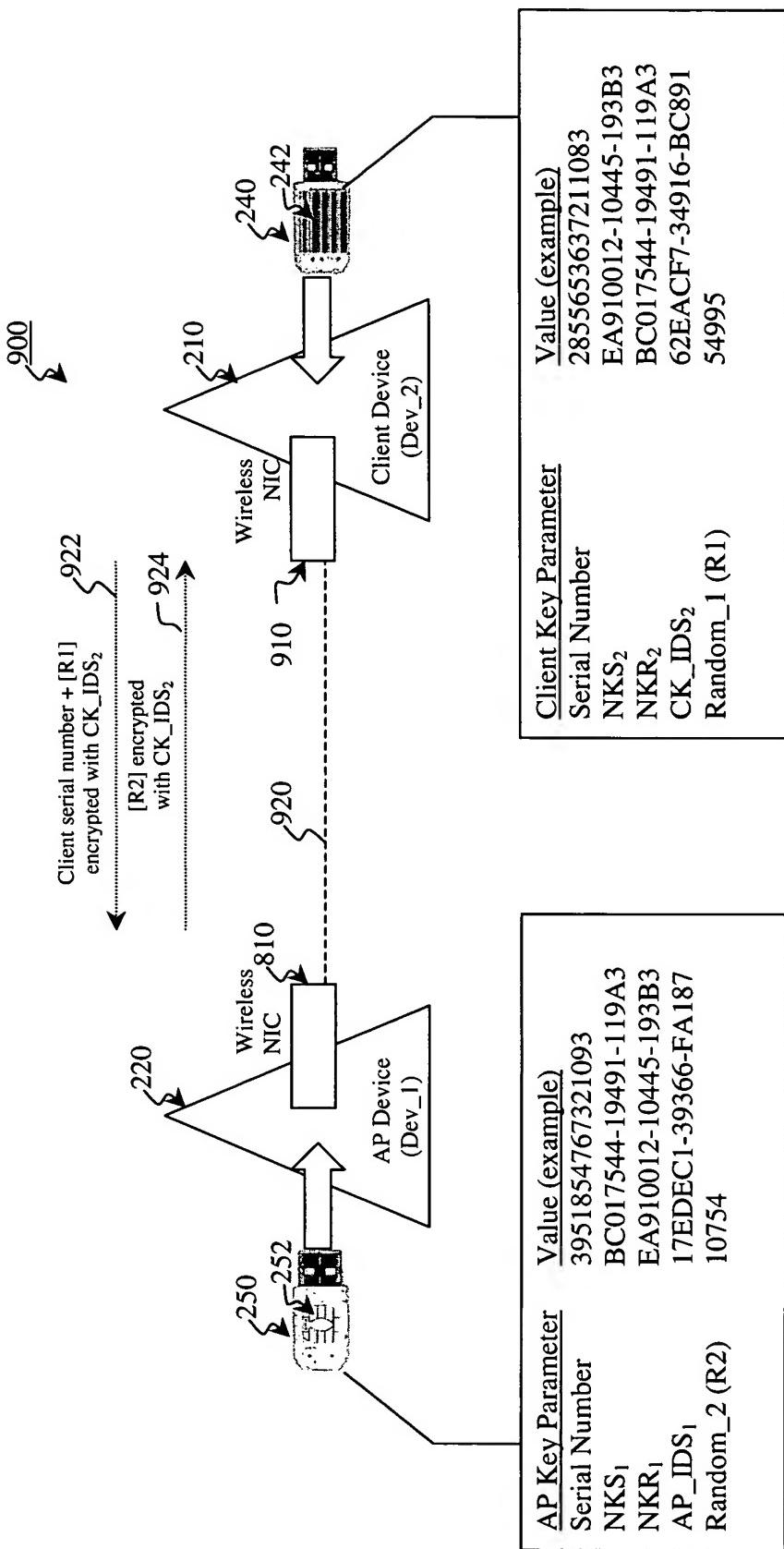


FIG. 9A

922

Authentication Request Frame sent to AP

Authentication Algorithm Number	Authentication Transaction Seq. Number	Status Code	Challenge Text	CRC
"3"	"1"	0	Client key serial number, [R1] random number encrypted with CK_IDS ₂	

FIG. 9B

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Authentication Response Frame returned to Client

Authentication Algorithm Number	Authentication Transaction Seq. Number	Status Code	Challenge Text	CRC
"3"	"2"	0	[R2] encrypted with CK_IDS ₂	

FIG. 9C

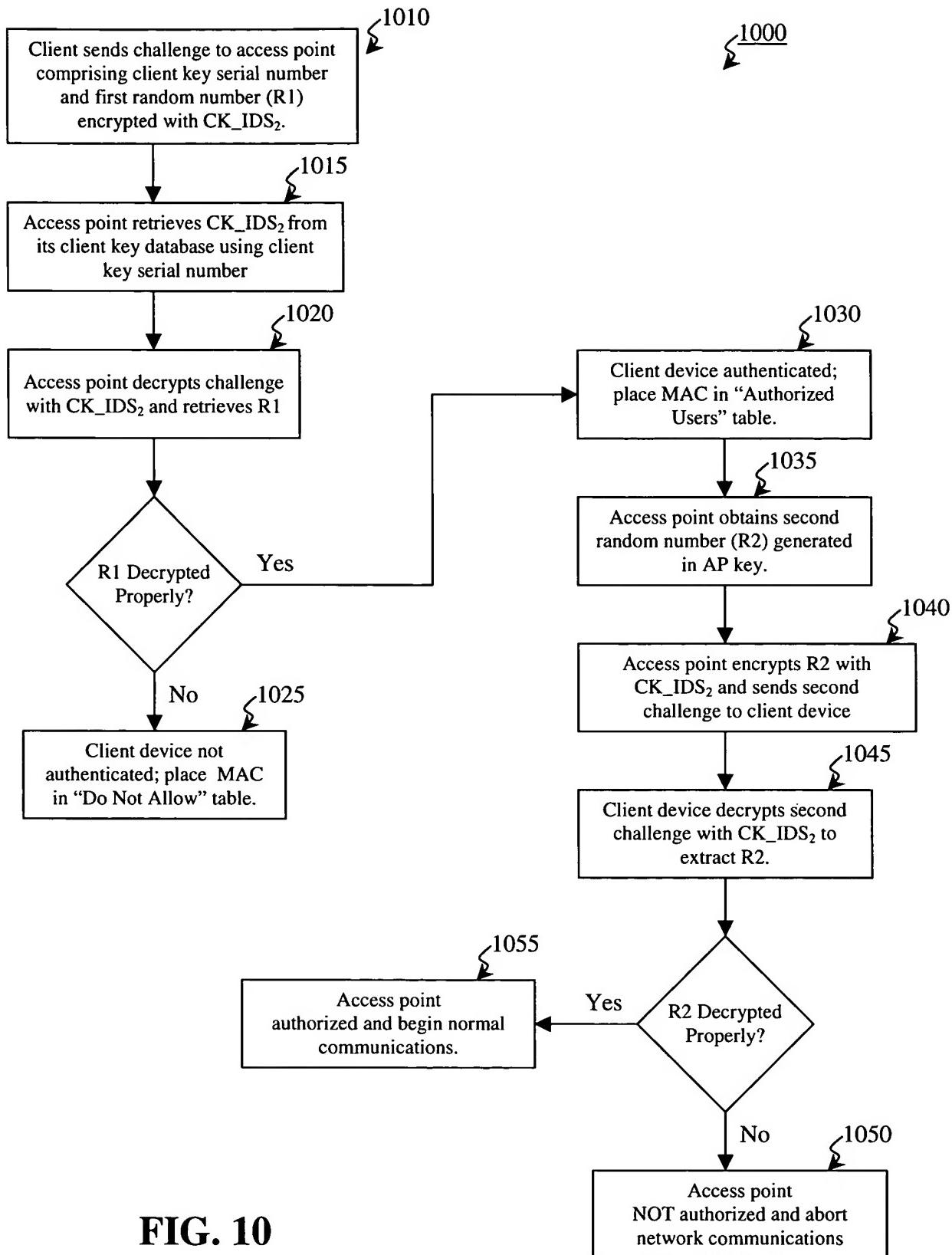


FIG. 10

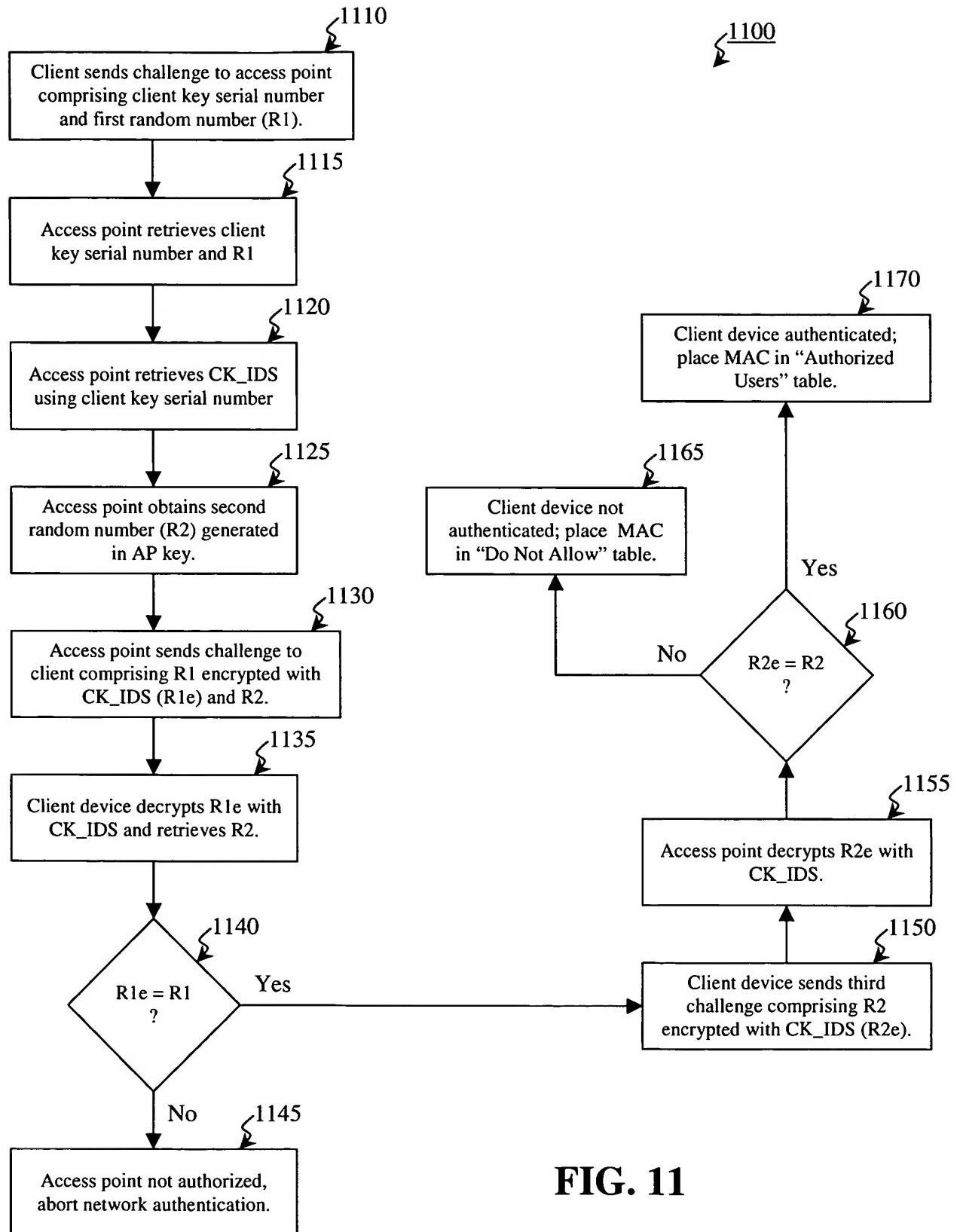


FIG. 11

	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	1	0	1	1	0	1	0	1	1	1	1	0	0	0	1
1	0	1	1	0	1	0	1	0	1	1	1	0	0	0	1

Original Key

FIG. 12A

	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	1	0	1	1	0	1	0	1	1	1	1	0	0	0	1
1	*	1	1	0	1	0	1	0	1	1	1	0	0	0	1

Transposed Key

FIG. 12B

	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	1	0	1	1	0	1	0	1	1	1	1	0	0	0	1
1	*	1	1	0	1	0	1	0	1	1	1	0	0	0	1

Original Key

FIG. 12C

Transposed Key

